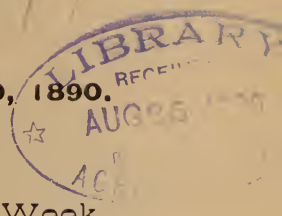


Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

2/24



AUGUST 20, 1890.



Issued Every Week.

\$1.00 a year, in advance.

Single copy 5 cents.

Farmer

AND

NEW FARM.

OUR 27TH YEAR.

When every family own their home, the prosperity of the Country is assured.

WALWORTH & CO.,
BALTIMORE, MD.

March--April--May

Are months when Ayer's Sarsaparilla proves especially beneficial. The free use of animal food during winter, while living in over-heated, ill-ventilated rooms, and taking insufficient out-door exercise, tends to load the blood with impurities, which manifest themselves in liver complaint, bilious disturbances, *that tired feeling*, eruptions, and various other disorders. Ayer's Sarsaparilla, being a powerful and highly-concentrated alterative, is the most effective and economical spring medicine ever prepared. Take it yourself and give it to your children.

"For several years, in the spring months, I used to be troubled with a drowsy, tired feeling, and a dull pain in the small of my back, so bad, at times, as to prevent my being able to walk, the least sudden motion causing me severe distress. Frequently, boils and rashes would break out on various parts of the body. By the advice of friends and my family physician, I began the use of Ayer's Sarsaparilla and continued it till the poison in my blood was thoroughly eradicated."—Luther W. English, Montgomery City, Mo.

"I have used Ayer's Sarsaparilla as a remedy for the various diseases common to the spring time, and also as a tonic for the system. I find it to be very efficacious, and think that every one who is troubled with impurities of the blood should try Ayer's Sarsaparilla. I am sure it has no equal as a blood-purifier."—C. E. Jaquith, Nashua, N. H.

"Every spring for the last nine years I have been in the habit of taking Ayer's Sarsaparilla, and I can truly say that I never used any medicine that did me so much good. I am convinced that it is the best medicine of the kind in the market, and recommend it to all who are in need of a reliable and effective blood-purifier."—J. A. Shepard, Proprietor of "Shepard's Paragon Varnish," 246 Pearl st., New York city.

"My wife always uses Ayer's Sarsaparilla as a spring medicine, and with wonderfully good results."—J. L. Minty, St. Johnsbury, Vt.

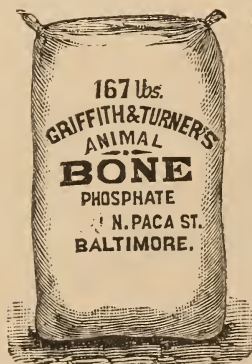
"I have used Ayer's Sarsaparilla with great benefit, as a spring medicine and purifier of the blood, and would not willingly be without it."—Mrs. S. H. Pray, E. Boston, Mass.

"I have received wonderful benefit from the use of Ayer's Sarsaparilla. It purifies the blood and is the best spring medicine I know of."—Mrs. H. W. Hardy, Roxbury, Mass.

Ayer's Sarsaparilla,

Prepared by DR. J. C. AYER & CO., Lowell, Mass. Sold by all Druggists.

Price \$1. Six bottles, \$5. Worth \$5 a bottle.



Griffith, Turner & Co.

Manufacturers of

Agricultural Implements

AND

FERTILIZERS,

AND DEALERS IN

GARDEN AND FIELD SEEDS, ETC.

STORE: Nos. 205 & 207 N. PACA STREET.

Telephone. 1555-2.

Send for a Catalogue.



Agriculture, Horticulture, Live Stock and Rural Economy,

Farmers and Planters Guide

TO THE BUSINESS HOUSES OF BALTIMORE.

AUG 23
DEFINITE
AGRICULTURE

AGRICULTURAL IMPLEMENTS.

GRIFITH, TURNER & CO., 205 and 207 N. Paca St., Baltimore, Agricultural Implements, Garden and Field Seeds and Fertilizers.

E. WHITMAN, SONS & CO., No. 27 East Pratt Street, Baltimore. See adver.

M. J. COAN, 124 Light St., near Pratt St. formerly of 509 West Pratt St., having bought the old Sinclair seed and Implement Store, will continue that business, and is in shape to fill all orders for repairs for machines bought of R. S. Sinclair.

BOILERS, ENGINES, PUMPS, &c.

THOS. C. BASSHOR & CO., 28 Light St., Manufacturers and Dealers in Boilers, Engines, Pumps, &c. Wrought Iron Pipes, Steam Fittings, Brass Work, Steam and Water Heating.

CIVIL ENGINEER.

SIMON J. MARTENET, Surveyor and Civil Engineer, No. 208 Lexington Street. All kinds of Surveying, Mapping, Engineering of Roads, &c. Having been connected with City work, Surveying within the City is a specialty.

Publisher of Maps of Maryland.

DRUGGISTS.

PROMPT RELIEF GIVEN. Use Nelatins Rheumatic, Gout and Neuralgia Cure. The great English and French Remedy. For sale by all Druggists.

Furniture, Carpets, &c.

J. F. ROHLEDER, Furniture, Carpets, Clocks, Window Shades, Picture Frames, &c., 1034 Light Street, near Cross St. Market. Repairs done at shortest notice.

FERTILIZERS.

R. J. BAKER & CO., 36 and 38 S. Charles, Street. Pure Ground Bones, Chemicals, Acids, Super Phosphates, &c. See Adv.

THE CHESAPEAKE GUANO CO., prepare and sell Chesapeake Guano, Potash, Phosphate and Dissolved Bone Phosphates, 21 P. O. Ave.

PURE FERTILIZING GOODS can be found at SLINGLUFF & CO'S, No. 300 W. Fayette Street. Manufacturers of Standard Phosphates.

FRUITS, &c.

HENRY BROS. & CO., Shipping and Commission Merchants, importers and dealers in Foreign Fruits, No. 108 East Pratt Street. Pine Apples, Banannas, Cocoanuts, Oranges, &c., &c. Put up for shipping at the shortest notice.

Lamps, Oils, &c.

JAS. B. MACNEAL & CO., 34 South Calvert Street, Manufacturers and Dealers in Burning, Machinery and Animal Oils &c.

LUMBER.

L. A. PAGE, 34 East Lee st, near Light st wharf, dealer in Hard Wood and Building Lumber, Sash, Doors, Blinds, &c.

MARBLE WORKS.

HUGH SISSON & SONS, Importers, Dealers and Manufacturers of Monuments, Tomb Stones and Mantles, Building Work in Marble. Sales-Room No. 210 E. Baltimore Street.

MEN'S FURNISHINGS.

CLINE BROTHERS, Shirt Dealers and Men's Furnishers. Immense line of 50c Scarfs of which we make a specialty. Our 90c "Ivory" Shirt beats them all. No. 304 W. Baltimore near Howard St., Baltimore, Md.

MILL FURNISHING.

B. F. STARR & CO., Corner of North and Centre Sts., Baltimore. Baltimore Mill Furnishing Works.—Manufacturers of Mill Stones, Smut Machines, Portable Mills, Pulleys, Gearing, etc. Importers and Dealers in Bolting Cloths and General Mill Furnishings.

MUSICAL.

H. R. EISENBRANDT, Musical Instruments and Strings. Pianos and Organs. Brass Band and Drum Corps Outfits. 424 E. Baltimore Street, Baltimore, Md.

NURSERIES.

FRANKLIN DAVIS & CO., Baltimore Nurseries, N. E. Cor. Baltimore and Paca streets, Fruit and Ornamental Trees, Shrubs, &c. Catalogue sent on application.

WM. CORSE & SONS. Clairmont and Furlley Hall, Baltimore Co., Nurseries. Office 200 North Calvert near Lexington St.—Post Office Box 405, Baltimore. Md. Largest stock of Shade and Ornamental Trees in the State, extensive stock of all kinds of large and small fruits, vines, hedge plants, &c. 310 acres.

PATENTS.

MANN & CO., Attorneys, No. 302 East Baltimore St., cor. North, procure patents for inventions. Trade marks Registered at patent office under U. S. Law. Send for Circular.

PHOTOGRAPHERS.

N. H. BUSEY, Artist and Photographer, 112 N. Charles St. Mr. Busey's productions have a world wide reputation, and as he has now reduced his prices, an opportunity is afforded to secure very fine work at very low prices.

PLUMBING.

D. G. ADELSBERGER, No. 419 North Howard St., Baltimore City, Md. Practical Mechanic, Engineer and Draughtsman, builder of Pumps, Plumbing, &c., Water Works by Natural Flow, Wind or Steam Power, and Hydraulic Rams.

STATIONERS.

GUGGENHEIMER, WEIL & CO., Manufacturing Stationers, Lithographers and Printers. No. 109 E. Baltimore St. Factory, cor. Liberty and Lombard Sts. Blank Book makers and Wedding Card Engravers.

SILVER PLATING.

HOLMES BROS. & CO., manufacturers of Fine Silver Plated Ware. Nickle Plating and Brass Polishing. Repairing and Re-Plating a specialty. 220 North Holliday street.

TRUNKS, VALISES, &C.

JAS. B. McELROY, No. 3 Saratoga St., near Charles, Manufacturer of Trunks, Valises, Traveling Bags, Ladies Satchels, &c. Trunks made to order. Repairing and Covering a Specialty. All Work done at the Shortest Notice.

WATCHMAKERS.

C. W. BLAKE, No. 204 North Charles Street, under Masonic Temple, Baltimore, Watchmaker & Jeweler, and Dealer in Watches, Jewelry, Silver and Albata Wares. Agent for King's Spectacles and Eye Glasses. Attention given to repairing Watches, Jewelry and Plated Ware

WINDOW SASHES, &c

GEORGE O. STEVENS, 119 Light street, Window Sashes, Blinds, Doors, Frames, Mouldings, Stair Rails, Posts, Ballusters, Brackets, &c. The best work at lowest prices. Send for Catalogue.

NEW, VALUABLE BOOKS.

Sent free of postage on receipt of price by

The Maryland Farmer, Baltimore, Md.

Cider-Maker's Hand-Book.....J. M. Trowbridge.....	1.00
The Hornet's Nest.....E. P. Roe.....	.25
Everybody's Law Book.....	.25



Agriculture, Horticulture, Live Stock and Rural Economy,
 THE OLDEST AGRICULTURAL JOURNAL IN MARYLAND, AND FOR TEN YEARS THE ONLY ONE.

AND NEW FARM.

Vol. XXVII. BALTIMORE, August 20, 1890. No. 34.

For the Maryland Farmer.

OUR NEW FARM, IX. RESTORING LAND.

Sitting on our piazza in our rocking chairs the evening after getting in our sweet corn Mr. Hutchens, Mr. Camden, and Mr. Burns, with their wives and Josie and James Camden, all came up to visit us. This was in accordance with custom I suppose and they thought they would come together to make it more sociable. We invited them in, but the men folks wanted to stay outside, so we brought out chairs.

Said Mr. Camden :

"You've made a considerable change in the looks of things here. It is remarkable what a little labor and paint will do."

And Mr. Burns said :

"Wouldn't know the old house now. It's gone for good and all."

And Mr. Hutchens said :

"You haven't painted things as folks generally do in the country hereabouts ; but I think it is about as good for a change."

I thought this was not a very profitable subject so I began to talk about my land, and I said :

"Now, friends, I don't know much about farming. Most of my life has been in the city. I have read that old, worn-out land might be brought back again by turning in green crops and would like to have your experience to help me ; for I see that some of these fields are in a rather poor condition."

Mr. Burns said :

"I haven't tried green crops ; but winter before last—you remember, Mr. Camden—I had about an acre of turnips that got caught out and froze solid and lay there all winter. Well, I was laughed at pretty bad on account of that lot of turnips. Next

spring I plowed up that piece of ground, and turned in all the old rotten roots and tops, and there was a mess of them. That's as rich a piece of ground as I've got outside of my garden, and the land along side of it is nowhere."

Then I said:

"That's a good item, and worth trying; but I am afraid my field would not be fertile enough to bring much of a crop of turnips to start with."

And he replied:

"Oh it don't need rich land for turnips."

Then Mr. Burns said:

"I've grown rye during the winter, and turned it under early in the spring and found it a good thing. Turning under a sod is always said to be worth as much as one manuring, and I thought the rye about equal to a sod."

Then Mr. Camden said:

"I haven't had much experience. I've always depended upon my barn yard, as I keep stock enough for my purpose, and when the barn yard gives out I stop the plough. But if I was in your place Mr. Green, I would plough up a few acres of the poorest field and sow cow peas. I've heard they were first rate to turn under on poor land."

Then Mr. Burns said; before I had a chance to speak.

"Cows are a good deal better than cow peas; but I've heard too how as they were a good fertilizing crop; but I could never get'em when I tried in Baltimore."

Then Mr. Camden said again:

"I think I would try some ground bone on a piece of that land over to the North East there and sow clover with it and turn it under. That field has always brought a pretty good crop of corn, when it was 'tended;' but it is pretty weedy now. Five years ago the lot beyond the orchard, which you call the poor lot, had a coat of guano and the corn was way up; but it

hasn't done much of anything since but grow grass. I shouldn't wonder if that lot had got to be all right again."

Then I said:

"I must give that a thorough inspection to-morrow and see if it will serve the purpose of growing late potatoes."

Then Mr. Hutchens said:

"If you had some ashes to put on it, you could grow fine potatoes there, the ground is just as meller as it can be and only needs ashes."

Then I said:

"Oh, there is a heap of ashes out behind the house; but it is all leached out and I thought no good."

Then said Mr. Hutchens:

"That don't make any difference. When it has been leached it won't burn the seed and you can use it all the better. I used to think just as you did; but on trial I couldn't see much difference between the ashes just from the fire and that which had been rained on all winter. The vines were a little larger, but the potatoes turned out about as well."

Then I said:

"Well, I must try that land with potatoes. I see that something was grown last year just beyond where I have concluded to have my garden. It looks as if there were three or four acres there."

Mr. Camden said:

"Mr. Janney grew tomatoes there, and they did first rate too. I shouldn't wonder if that was a pretty good piece of ground. But it don't take very good ground to raise tomatoes. He kept the weeds down, pretty good for him, and carried a good many baskets down to the depot."

I made a note in my mind of all these things and I thought the evening had given me a great deal of information and help, and had been a profitable visit for me.

The young folks meanwhile had been

full of laughter and music, and the women had been all through the house and had a pleasant time indoors.

Finally we went into the parlor, and all who could gathered around the piano and sang. First some of the sentimental songs by the young folks; but presently some of the popular hymns in which all could join, such as Beulah Land, Bringing in the Sheaves, etc. I observed that Mr. Burns and Mr. Camden were good singers and Mrs. Hutchens had a beautiful alto voice, which she handled with great skill.

Mr. Hutchens and I continued to talk on farming subjects while the others made melody in voices and hearts. Mr. Camden's son, however, did not seem to be quite as merry after we all came in as he had been before, although he sang a pleasant tenor with the rest.

It seems my wife and my girl had been expecting a visit, although they had not said anything about it and did not know when it would be. They had some cake prepared for it, and some lemons, and before the visitors went home wife beckoned to me and said in a loud whisper.

"Now, Mr. Green, you must come and help hand the things around."

And I said:

"Oh, yes, of course I'll do that. Which shall I take first, lemonade or cake?"

Then she gave me such a look! And I picked up the waiter with plates and napkins and started.

In due season with laugh, and pleasant remarks, and good byes, and "come soon, and visit us," the evening ended and they were gone.

(To be continued next week.)

For The Maryland Farmer.

UNJUST PRICES.

Any law, or any license, or any custom which will permit a doctor to charge an

exorbitant price for a few minutes visit, and at the same time prevent the farmer from doing the same, is an abomination.

Any law, or any license, or any custom which will permit a lawyer to charge an exorbitant price for a few hours work and at the same time prevent the farmer from doing the same, is an abomination.

The farmer is just as skillful in his department as the doctor or the lawyer in his. The farmer's produce is just as important as the doctor's or the lawyer's. If the latter is authorized to collect exorbitant rates, then the farmer should be able to do the same.

The charges of doctors and lawyers are unjust if the skilled mechanic or the farmer is not on their level, and the law should not in any case discriminate in their favor. The Farmer plowing with his team on the lawyer's acres, should offset the labor of the lawyer for the same time, in any court of law. The skilled mechanic at work in the doctor's cellar should offset the labor of the doctor for the same time in any court of law. Until this is done injustice is manifest in our laws, and the farmers, who have the power, should never rest until it is corrected.



length required. For free pamphlet showing "Why Ensilage Pays," and for free descriptive and illustrated catalogue of the best Tread-powers, Lever-powers, Thrashers, Clover-hullers, Wood Saw-machines, Feed-mills and Fanning-mills, send to the old and reliable Empire Agricultural Works, over 30 years under same management, MINARD HARDER, Proprietor, Cobleskill, N. Y.

Entered as second class matter at Baltimore, Md.

THE
MARYLAND FARMER

AND
NEW FARM.

Agriculture, Live Stock and Home Life.

Oldest Agricultural Journal in Maryland and
for ten years the only one.

27 E. PRATT STREET,

BALTIMORE, MD.

WALWORTH & Co., Editors and Publishers.

TERMS OF SUBSCRIPTION

\$1.00 a year in advance.
1.50 if not paid until the end of the year.

RATES OF ADVERTISING.

\$1.00 an inch, 12 lines nonpareil, each insertion.
Discounts, 10 off for 3 mos., 15 for 6, 20 for 9, 25 for 12
Advertisements to be inserted once a month
are subject to the same discount.
Covers, p. 2 add 30, 3 add 25, 4 add 50.
Special location, on any page, 20 per cent extra.
No reading notices free.
Reading notices twice the price of advertisements

ISSUED EVERY WEEK.

DEPRESSION IN CONGRESS.

We observe that the condition of farming lands and the farmers is having a continued discussion in the Senate of the U. S. in connexion with the subject of the tariff. Both parties seem to realize the fact that our present tariff and the projected one, also, have no features to change the course of things in relation to the farmer. But still the taxes are piled upon them to bolster up manufacturers and to enable more manufacturers to embark in projects and pile up fortunes. It is time that the country was brought back to an economical government, free from the hundreds of thousands of pensioned paupers, and the taxes reduced to the government's actual needs.

ELMIRA, N. Y., FAIR.

The Interstate Fair of 1890, to be held at Elmira, N. Y., September 1—12, under the management of Mr. Geo. M. Robinson, has certainly issued the most beautiful and attractive premium list ever received at our office. If it foreshadows the success of the Fair, it should indeed be "great."

THE TRUSTS.

Barbed Fence.	Borax.	Bankers.
Cattle Feeders, (distillers.)	Cigarette.	
	Copper.	
	Cordage.	Cotton seed oil.
Dressed Beef.	Envelopes.	Fire Insurance.
Gas.		Gutta percha.
Iron Nuts and Washers.		Jute Bag.
Kerosene (standard oil).		Linseed Oil.
	Lead.	
Match.	Nail.	Nickel.
Oil Cloth.	Paper.	School Books.
Slate pencil.	Starch.	Steel Nails.
Straw Braid.		Sugar.
Ultramarine.	Whiskey.	Zinc.

Still they grow in number and in power. Have our legislatures no power? Will not our government act?

THE RAINS.

Throughout this section the universal feeling of relief occasioned by the late rains testifies to the good work they have done for the farmers. They have saved the corn crop. One market gardener says his sweet corn was in a condition of collapse before the rains and he had given it over as a failure; but the rains went down to its roots so thoroughly that by actual measurement it has grown from 9 inches to a foot in 24 hours. Other crops have benefitted to a corresponding amount, ai-

though we might make an exception as to potatoes, which are considered at present as not so promising. It is now very generally regarded as quite certain that the farmers will be better off at the close of this year's crops than for several years past.

The fruits however have to be left out of all calculations, except the grapes, which seem to be doing very well throughout the entire region.

Were it not now for the continued agitation of higher taxes, and the extortions of trusts and monopolies, the farmers would begin to see daylight. The fact, that such hosts of the farmers are organizing and expressing themselves so freely on political subjects, seems to be having a salutary effect upon the politicians.

ies that men of right stripe must be nominated by them, if they hope in the future.

The Maryland Farmer expects to support the men advocated by the farmers, regardless of all party affiliations, and to do our very best to have our legislature brought under the control of the farmers' influence. We prefer that the candidates should be practical farmers; but we are not fanatical on this point; if we can be assured that the views of the farmers shall be carried out faithfully.

We expect to do a strong work whenever occasion calls us to do it, and to put our hand to the plow without hesitation as we see the need of action.

ANNOUNCEMENT.

For the first time the Maryland Farmer has a canvasser in the field for subscribers.

He has spent a few days only; but he has rolled in the subscribers in such numbers that he promises thousands before the year shall end. We are ourselves surprised at the welcome our canvasser has received. He and his insic are to become a power in our behalf. Will our present subscribers give him their help, when he comes within their reach; and we ask all who read this to be prepared to receive him and profit by his generous offers.

THE ALLIANCE.

The meeting of the Maryland State Alliance in Baltimore during the past week, and the decided stand taken by them as to the matter of tariffs and trusts is having a good effect upon the political managers and rings. It is a warning to both part-

MARYLAND FAIRS.

When held, and address of Secretary.

Baltimore Co., Timonium, Sept. 2—5
H. C. Longnecker, Sec'y, Towson, Md.

Cecil Co., Elkton, Oct. 7—10.
John Partridge, Sec'y., Elkton, Md.

Frederick Co., Frederick, Oct. 14—17.
Geo. W. Cramer, Sec'y., Frederick, Md.

Montgomery County Sept. 3—5.
John E. Mancaster, Sec'y. Norbeck, Md.

Talbot Co., Easton, Sept. 23—26.

Washington Co. Hagerstown, Oct 14—17.
P. A. Witmer, Sec'y., Hagerstown, Md.

Maryland State }
combined with } Bel Air, Sep. 30—Oct. 3.
Harford Co. }
James W. McNabb, Sec'y., Bel Air Md.

Williams' Grove, Pa., Aug. 25—31
R. H. Thomas, General Manager,
Mechanicsburg, Pa.

Farmers' Encampment, }
Mt. Gretna Park, Pa. } Aug. 17—23.
Address—Ex. Com., Harrisburg, Pa.

IF YOUR BACK ACHES
Or you are all worn out, really good for nothing
it is general Cebinty. Try
BROWN'S IRON BITTERS.
It will cure you, and give a good appetite. Sold
by all dealers in medicine.

ACTION OF EARTH WORMS

vs.

COMMERCIAL FERTILIZERS.

We find considerable complaint from some parts of the country growing out of the fact that some of the acid concentrated commercial fertilizers have annihilated the earth worms, and thus taken away the very life of the soil.

A soil filled with earth worms, is generally very productive and very few, if any, plants are injured by them. They open up the soil deeply so that it receives the full benefit of the atmosphere and absorbs all the elements of fertilization which abound in sun and rain.

It is claimed that acid fertilizers change this condition of porosity by destroying these agents of life. The soil becomes compact, heavy, dead. The air, water and sun cannot penetrate and the results are of the nature of stagnation. The best fertilizers seem to be wasted on such land, and not until coarse barn yard manure is ploughed in and new life of earth worms is added will it again become productive.

The facts are stated to account for the general experience of the inadequacy of commercial fertilizers on certain lands. We would be pleased to receive the experience of many of our readers on this subject.

WILLIAMS GROVE PIC-NIC.

Commencing Aug. 24.

We have received a beautiful little pamphlet containing a series of six photo-engravings of different scenes in Williams Grove during winter. It gives, also, the daily program for the week. Address R. H. Thomas, Gen'l Manager, Mechanicsburg, Pa.

BOOKS, CATALOGUES, ETC.

The Cider-Maker's Hand-Book. By J. M. Trowbridge. New York: Orange Judd Co. Price, post-paid, \$1.00. The modern methods and the scientific facts upon which they are based have hitherto been the trade secrets of a select few. The work under notice gives a very clear and lucid exposition of them all.

The Geneva Agr. Ex. Sta., N. Y. sends us Bulletins 21, 22. The latter on "Pigs Feeding without milk" is interesting. The former "Testing of Dairy Breeds" is a work of tables, figures and chemical terms requiring too much of the ordinary reader for intelligent comprehension.

FREEMAN, CARROLL CO., MARYLAND.
Messrs. R. J. BAKER & Co.

Gentlemen:—After having used your Pure Fine Raw Ground Bone and Pure Dissolved Bone for two years, I take pleasure in stating that it has given entire satisfaction. In the fall of 1876 I drilled 350 pounds per acre, and in the summer of 1877 it gave me 37½ bushels per acre.

In the fall of 1877 I sowed my entire crop with your Bone, about 380 pounds per acre, mostly corn stubble. From these lands in 1878 I threshed 32½ bushels per acre. I do not think it had more straw than I had from other fertilizers, but the yield of wheat from the use of Bone was greatly increased. I will also state that I have never failed to get a good set of grass. On all other crops I find it equally good.

WM. T. DEVRIES.

Bridget: "Enjoy slape, is it? How could I? The minit I lay down I'm aslape, an' the minit I'm awake I have to get up. Where's the time for enjoying it?"



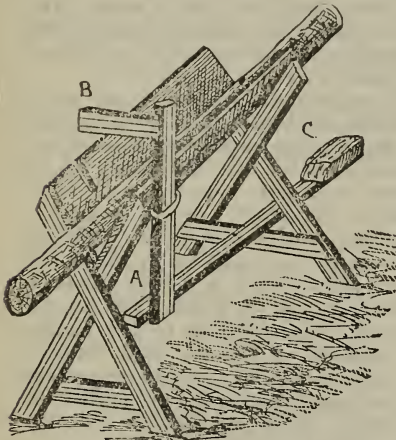
BROWN'S IRON BITTERS

Cures Indigestion, Biliousness, Dyspepsia, Malaria, Nervousness, and General Debility. Physicians recommend it. All dealers sell it. Genuine has trade mark and crossed red lines on wrapper.

FARM CONVENIENCES.

An Improved Sawbuck—A Tamping Rod for Setting Posts.

The object of the sawbuck depicted in the first cut is to enable the operator to stand upright with both feet on or near



A CONVENIENT SAWBUCK.

the ground while sawing. The old style of sawbuck requires a stooping position which is very monotonous and tiresome, to say the least. The foot rests on the lever A, and holds the clamp B down firmly upon the stick of wood. At C is placed a weight heavy enough to hold the clamp up while putting on another stick to be sawed.

Prairie Farmer, authority for the foregoing, gives the following illustrated description of a tamping rod for setting posts:

A three-quarter inch iron rod of the required length is recommended, with a large nut or piece of iron welded on the lower end. The other end may be chisel pointed, as shown in the illustration herewith, for the purpose of enlarging the hole around the post. If the rod is bent a little there will be less liability to injure the herds against the posts. In putting up wire fences it is advised



AN IMPROVED TAMPING ROD.

to leave most of the staples loose, driving about every fourth one down on the wire. This gives the wire more play and it is not so liable to break.

Popp's Calculator—Grain Tables, Lumber Tables, and all kinds of calculations. 50 Cents.

At This Office.

Does It Pay to Shade Bee Hives?

"Does it pay to use shade boards?" was a question asked at a recent meeting of bee keepers.

Mr. Draper said his bees did not need them.

Mr. Becker—I do not want any shade for my bees any time. Give the bees the sun the year round. I have never seen a frame melted down that a good colony of bees had access to. Give them plenty of room and ventilation.

Mr. Stone has his bees under a shed. The strongest colony he had last season was under a tree. He could not say which is best—sun or shade.

Mr. Robbins—Shade is a good thing in summer. I like artificial shade.

A Quick Way to Kill Caterpillars.

Take a suitable pole, say ten feet long, and attach to the end a coarse woollen cloth by winding it with strong twine, so that it will not slip either way. Take from one to three quarts of wood ashes, pour on hot water, and thus get a strong lye. Take an old pail, turn in the lye, adding one pint or more of soft soap, and stir well. It is then ready for use, and I will warrant this lye and soap to deal the deathblow instantly to all caterpillars by thrusting the saturated swab straight into the nests. Put the pole and swab in a secure place for future use.—Country Gentleman.

Clover with Straw.

National Stockman recommends that in rainy, catching weather clover be placed in the stack or mow with alternate layers of straw. It affirms that the clover comes out green in color as when put in. Even the blossoms do not change color. The straw is also imbued with the flavor of the clover and is eagerly eaten by the cattle. Dairymen do not generally realize the value of maintaining the bright green color of the hay. This will be particularly shown in promoting the yellow color of the butter made in winter.

Green Food for Fowls.

Fowls want green food, especially in the season for it, and where they have their liberty they consume large quantities of grass; also vegetables if they can get at them. When confined in little runs they should have a small supply with their other food daily. Clover is always welcome. There is nothing they

like better than cabbages, both heads and leaves. By sowing a bed in the garden with cabbage seed, early and thick, a plentiful supply of leaves can be furnished them before the transplanted plants head.

Here and There.

The final round up of cattle in the Indian territory is about complete, and the number of cattle now in the territory is estimated at only about 500,000 head.

The export trade in "chopped apples"—a dried product from inferior fruit left over from the best quality of evaporated fruit—according to a recent estimate, had increased from small orders in 1880 to 11,000,000 pounds in 1888, and 20,000,000 pounds could have been sold in 1889. These chopped apples are largely used in France for conversion into cider.

A noticeable feature of recent bee keepers' conventions is the increased number of ladies who take part in the exercises.

Mixed grasses are better for stock than a single variety. No matter how valuable any particular grass crop may be, or how large the yield, the stock will thrive better when fed on a variety.

The following is also said to be a good application to prevent metals rusting: Melt one ounce of rosin in a gill of linseed oil, and while hot mix it with two quarts of kerosene oil. This can be kept ready to apply at any time with a brush or rag to any tools or implements required to lay by for a time, preventing any rust and saving much vexation when the tools are to be used again.

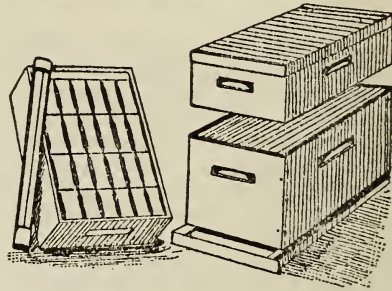
The Construction of Bee Hives for Simplicity, Utility and Cheapness—An Illustrated Description of the Poor Man's Hive by One Who Has Tested It.

It was said by a correspondent in American Bee Journal some time ago that the "coming hive" was one that would take a standard Langstroth frame in size, with a wide, stiff top bar. An apiarian, commenting on the foregoing in the same journal at a more recent date, gave his views on the subject of top bars. He said: After using a top bar 17-16 inches wide for nineteen years we know that, if properly made, they will almost invariably prevent brace combs. We will describe the hive and top bars as we think they should be

made, and, to aid in making it plain, we here present an illustration of the hive and super.

We call this the Poor Man's Langstroth Hive on account of its cheapness. The engraving represents a $1\frac{1}{2}$ story 8 frame Langstroth hive for comb honey; the top raised above the hive being a super, the same as the one at the left, and has a plain board top or cover. The size of the brood chamber is $20\frac{1}{2} \times 13\frac{1}{2} \times 9\frac{1}{2}$ inches, outside measure, with scant $\frac{3}{8}$ -inch bee space above the brood frames.

The super is the same size as the brood chamber, but is only $4\frac{1}{2}$ inches deep, and it also has a bee space above the sections. The edges of the hive and super are all square, and rest squarely upon each other, to do away with all dummies, false ends, section holders, etc. We use a combined wood and tin T, and as the supers are rabbeted at the top, the same as the hive, and the T being half an inch wide, there is good finger room to handle the sections. A T is also used between the rows of sections at the top to prevent the sections from racking or getting out of shape. When the sections are filled they are perfectly square.



THE POOR MAN'S BEE HIVE.

The frame is the standard Langstroth, except the top bar is 17-16 inches wide and $\frac{3}{8}$ of an inch thick down to the square. By looking closely at the end bar, standing at the left of the super, it will be seen that it is V shaped, but the V is not as wide as the bar. Right here is one of the advantages of it: the bar proper being 17-16 inches wide, and the V only 9-16 of an inch wide, we have a flat square on either side of the V of $\frac{1}{4}$ of an inch. When the comb is built out it is not as wide as the top bar, and the bees are not inclined to draw it out and over the square edge of the bar, as they do where the V is the full width of the bar, giving a slanting edge to run over. Do all see the point?

If you or your friends use Sheet Music look for our special offer to subscribers.

use it for running in tools that we are at work with temporarily. Work harness is hung on the right side of C.

The D on the right side of C is a sliding door into horse stable, which is in the basement of the main barn H.

The first four spaces to the left in tool house have a tight floor over them about 7 feet from the ground. This gives ample room below for any tool or open buggy, and a nice store room above for lumber and odds and ends. The doors into these four spaces are the same height, 7 feet, but the ones into the fifth space are 9 feet, to accommodate any top carriage, and the ones into C are 11 feet, so a load of hay could be driven in, if desired, temporarily. The position of stairs is shown in plan. The tool house has an earth floor, with a stone set in the ground under each door post. The back side and ends are underpinned. W shows the position of windows.

With the barn to the west and the tool house to the north the covered yard L has a warm exposure. There are double doors into the tool house and also into the cattle stable. The single door is into the horse stable. N is the water tub. The G nearest the tool house shows position of a small gate into the open yard M, and the other G is a large gate. The fence at the rear of L is tight and 6 feet high. The roof over yard is tin.

Fig. 2 gives an end view from the east. The little building is the tool house and the outline of the main barn is given. Fig. 2 shows the posts that support the cover over yard, with stones under them. From each post a heavy beam runs to the main barn, then rafters were laid from beam to beam and up on to tool house. The space be-

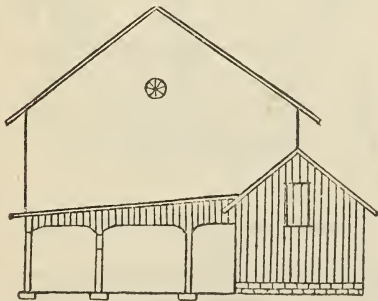


FIG. 2—AN END VIEW.

tween the first two posts to the left has a gate in it. The next space has planks slipped in between posts (so they can be

taken out to draw out manure) to a height of six feet. This leaves four to five feet open space above, and there is the same on the south side. The floor of this covered yard is some eighteen inches below the floor of tool house and stables, with an easy grade up to the latter. In this way it will hold about 100 loads of manure before it seems to be leveled up.

Our farm buildings stand on the road. E (Fig. 1) shows the road fence and F the field fence.

We have used the covered yard nearly a year, and I think I never spent \$100 that gave greater satisfaction. It is large enough for our present use. Were I intending to keep much stock I would continue it on over M.

Secretary Bayard's Daughter.

Miss Louise Bayard, who is visiting Miss Elizabeth Moorhead, of Ellsworth avenue, Shady Side, is the daughter of ex-Secretary Bayard. She has been a great success in Washington society, having had the entree through her father's official position to the most exclusive circles of the capital. In appearance she is tall and slender. Her hair is between light and dark. She has a very pleasant and intellectual countenance. She is a young lady of remarkable strength of character, and made a very good impression on Pittsburg people.—Pittsburg Press.

It is now perfectly permissible for a young mother to walk along the streets of New York with her child. Heretofore such a thing has not been countenanced. She might lead an ugly, heavy jawed bull dog by a string, carry a pug or terrier or accept the escort of two men in no way related to her; she might also have the attendance of a maid or man servant along with an infant, or run about, but to be alone with the little one was the worst possible form of street etiquette.

Miss Elaine Goodale, the poetess, is government supervisor of education among the Sioux. She lives in camp or reservation in the most primitive way, traveling from one Indian village to another on horseback or in a "prairie schooner." She deliberately prefers this life to the social success which a woman of her talent and culture might command.

Send us the Names and Post Office address of all your friends so we can send them sample copies.

A Stinging Rebuke.

It was on a street car bound up town at about the time when the men and women who work in the great downtown hive of business for the better part of the day are hurrying home. Every seat was occupied when the car stopped and two women boarded it. The first was an elderly woman, somewhat feeble. The second was younger, sturdy and aggressive looking.

A good looking man of middle age arose from his seat, and touching his hat asked the elderly lady to be seated. Before she could sit down, however, the younger woman pushed her aside and sat down herself. There was no one in the car who did not know that the man who had given up his seat intended it for the older woman, and the action of the younger one astonished everybody for a moment. Then half a dozen seats were vacated and the elderly woman took one of them.

The man who had first given up his seat raised his hat to the woman who had taken the place not intended for her and said in a voice that could be heard throughout the car: "Madam, I believe you to be among that class of women who are always complaining of man's lack of courtesy toward women. You will pardon me if I say that you are also one of that class of women who tempt men to be discourteous." Then he calmly proceeded to read his evening paper.

An audible snicker ran through the car and one woman whispered to another: "Served her right." The woman flushed and looked straight before her, paying no attention. She stood the looks of the other passengers for fully half a dozen blocks. Then she signaled the conductor and, looking neither to the right nor the left, swept out of the car. A man who had curiosity enough to also leave the car at the same place and watch her saw her board the next uptown car that came along.

The rebuke had had its effect.—New York Mail and Express.

Dainty Sailor Hats.

The sailor hats will be worn for outing purposes more than ever, and those provided for the wife and daughters of the Prince of Wales are simple enough to be copied by the sweet girls of our own country. They are made of light weight white serge, have a head band of oiled

silk, and are simply trimmed with a serge ribbon and an enameled buckle of another pattern. An inch, or even a half inch difference in the height of the crown or the width of the brim makes all the difference in the world as to the hat suiting your own especial face, and will well repay the thought and care thus bestowed.

While many persons contend that they are from their simple outlines becoming to nearly every one, the general verdict is that they are not for the woman with a big nose, with ugly ears or with a heavy lower face, and the woman with just these features—that is, the big nose and the heavy lower face—is very apt to be just the sort of woman who cares but little for the frivolities of life, and who yearns for just that simple form of headwear. Too bad that she may not indulge her liking, but if she does it only makes her look absurd.—Chicago Journal.

A Catacomb at Kertch.

A few days ago an interesting catacomb was discovered at Kertch, in the neighborhood of the Tahtar quarter. The catacomb in question lies about fifteen feet under the surface and is divided into three compartments. It is decorated with frescoes representing Hermes surrounded by winged genii and also with scenes taken from domestic life. The most interesting discovery of all was an inscription, part of which forcibly reminds the reader of the one over Shakespeare's ashes. It runs, "Sorak, who never threw away the bone of the poor, has raised for himself this sanctuary, and adjures all people that his bones were not robbed and defiled." This adjuration to posterity has been without effect, for the catacomb was already found to have been plundered.—Exchange.

Chicago's Wealthy Spinster.

The wealthiest young lady in Chicago, now that Anita McCormick has joined the ranks of the matrons, is Miss Bessie Ross, daughter of Dr. C. R. Ross and granddaughter of the late Tuthill King, whose vast fortune she inherited through her mother. Miss Ross is a pretty pink and white little creature, with blue eyes, yellow hair and a delightful English accent, which she received on the Continent soon after her graduation. She weighs about 170 pounds, but her prospects are even heavier, and solid gold.

We mail Fanny Field's Poultry Book for 25 cents. Send for it. Address, Maryland Farmer.

Gen. Lee's Charming Daughter.

A trait that would have distinguished Miss Mary Lee, the younger daughter of Gen. R. E. Lee, among politicians is her wonderful memory for faces and names. Even a casual acquaintance met years before is not forgotten, and meeting him several years afterward she at once speaks his name and recalls all the details of their former meeting. Miss Lee came from Egypt to witness the unveiling of the statue of her father. She has spent the last five years in Portugal, France, Russia and the island of Madeira.

Miss Lee arrived in New York entirely unannounced to her many friends here, who would have gone in troops to the dock to meet her instead of allowing her to stand alone for two hours on the pier in a cold, drizzling rain. She had expected to find it hot in New York, and packed away all her wraps before landing, thereby contracting a severe cold. She is a tall woman of distinguished presence, and possesses that vivacious charm of manner and brilliancy of conversation which are nature's best gifts to her sex. Miss Lee will remain in America visiting friends in the south for a few months, when she will sail for Rome.—New York Cor. Richmond Dispatch.

Pretty and Held as a Counterfeiter.

A remarkable criminal case was decided before United States Commissioner Tavenor at Parkersburg, W. Va., the defendant being Mrs. Gertrude Russell, a young married woman of great personal beauty and a member of a wealthy Lawrence county (O.) family. For some months past numerous instances have occurred on both sides of the river in the vicinity of this city where parties applied to to furnish change for \$20 gold pieces have found themselves in possession of gilded silver half dollars. After complying with the request for a long time it could not be decided who the very slick crook was, but ten days ago Mrs. Russell, it is charged, went into a local bank and attempted the trick, which failed. She was arrested and had her preliminary examination, being defended by ex-Governor J. B. Jackson and three other prominent attorneys. She was held for the federal grand jury in \$1,000. The defendant fainted when the announcement of the result was made by the commissioner.—Baltimore Sun.

If you use any Music, write to us. We get specially low prices on Sheet Music for our subscribers.

EDUCATIONAL.**ROCK HILL COLLEGE.**

Conducted by the Brothers of the Christian Schools

Situated upon the slope of one of the picturesque hills overlooking

ELLCOTT CITY, HOWARD CO., MD.

Scientific, Classical and Commercial Courses.

Students are received as Boarders or Day Scholars.

For particulars address

Brother Denis, President.

COMMERCIAL COLLEGE OF KENTUCKY UNIVERSITY, LEXINGTON, KY.

Highest Award at World's Exposition.

Book-keeping, Business, Short-hand, Type-Writing and Telegraphy taught. 1000 Students. 13 teachers. 10,000 Graduates in Business. *Begin Now* Address **WILBUR R. SMITH, Pres't, Lexington, Ky.**

BETHEL CLASSICAL and MILITARY ACADEMY. \$95 half session

Prepares for Business, Univ. of Va., and West Point. Catalogue address: Maj. A. G. SMITH, Bethel Academy, Va.

**A PRACTICAL EDUCATION.****THE MARYLAND AGRICULTURAL COLLEGE.**

PRINCE GEORGE'S COUNTY,

Eight miles from Washington, on B. & O. R. R.

Tuition Free to All.

For Catalogue and particulars,

Address:— **HENRY E. ALVORD, President.**

AGRICULTURAL COLLEGE, MD.

The courses of study are

MODERN, LIBERAL AND PRACTICAL.

All expenses, very low.

Me & Chummy

by Corne Fletcher. The latest South-bit. Don't be the last to read it. Send 25cts. for it to The Maryland Farmer, Baltimore.

Decorative Painting. Manual of self-instruction. Finely Illustrated. This is the fashionable accomplishment at this time. This valuable book and our paper 6 months for 10 cents.

Amateur World, Baltimore, Md.

BINGHAM BEE SMOKERS.

You can have them now for \$1.00 each.

Maryland Farmer Office.

EVERYBODY'S MUSIC.

Among the abundant treasures of our immense stock every one is sure to be suited. Please select in time your "autumnal music books."

- Temperance People will like
Temperance Crusade. (35cts. \$3.60 dz.) Emerson & Moore.
Temperance Rallying Songs. (35cts. \$3.60 dz.) A. Hull.
 Male Voice Clubs will like
Emerson's Male Voice Gems. (\$1. \$9. dz.)
Emerson's Male Voice Choir. (50cts. \$5. dz.)
 The Grand Army will like
War Songs. (50cts. \$4.50 dz.)
 Boys, old and young, will like
College Songs. 82 songs, (50c.) Near 200,000 sold.
 School Teachers cannot help liking the three books of
Song Manual. { (30cts., 40cts., 50cts., } Emerson,
 { \$3., \$4.20, \$4.80. dz. }
 Piano Teachers will like, very much, as the best companion to any Instruction Book
Mason's System Of Technical Exercises. (\$2.50.)
 Gospel Singers will like
Praise In Song. (40cts. \$4.20.) Emerson.

Letters of inquiry cheerfully answered
 Books mailed for Retail price.

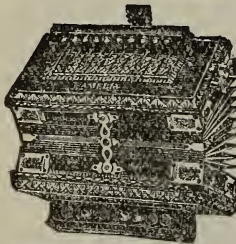
OLIVER DITSON COMPANY, Boston.

C. H. DITSON & Co., New York.

JOHN F. STRATTON & SON,
 43 & 45 Walker St. NEW YORK.



Patent June 7, '87
 SUBLIME HARMONIE



SOLO,
 Duet Accordeon,
 SILVER REED.



Importers of and Wholesale Dealers in all kinds of
MUSICAL MERCHANDISE,
 VIOLINS, GUITARS, BANJOS, MANDOLINES,
 Accordeons, Harmonicas, &c.
 All kinds of STRINGS, etc., etc.

MUSIC TEACHERS, send your name and
 Post Office address to
 Dez. Walworth, P. O. Box 496, Baltimore, Md.

THIS CHAMPION ROAD WAGON \$30.

A Light Delivery, Market or Business Wagon.
 2 Seated Family Wagon, \$36
 Best Road Cart Made, 15
 A Good Strong Road Cart, 10
 Top Buggy with Shafts, 55
 4000 lb. Wagon Scale, 40
 900 lb. Platform Scale, 15
 A New Buggy Harness, 7
 4 lb. Family or Store Scale, 1
 1000 Useful Articles at Half Price, include Scales, Saws, Sewing
 Machines, Buggies, Wagons, Harness, Blacksmiths Tools. List Free.
 Address **CHICAGO SCALE CO., CHICAGO, ILLS.**



W. W. CARDER'S, METALIC BAG TIE.

First and only invention of its kind.
 Saves time, labor, grain, &c. Any
 boy can tie Bags, 25cts. per doz. by
 mail. Agents wanted.

Manufactured by
J. W. CARDER & SON,
 OLD TOWN, MD.

FAT FOLKS

using "Anti-Corpulence Pills" lose 15 lbs. a
 month. They cause no sickness, contain no poison and never
 fail. Sold by Druggists everywhere or sent by mail. Particu-
 lars (sealed) &c. **WILCOX SPECIFIC CO., Phila., Pa.**



OPIUM and Whiskey Hab-
 its cured at home with
 out pain. Book of par-
 ticulars sent FREE.
B. M. WOOLLEY, M.D.
 Atlanta, Ga. Office 62½ Whitehall St.



Chester White and Berk-
 shire pigs, Beagle, Setter
 and Shepherd dogs, W. P.
 Rock Fowls. Send stamps
 for Catalogue. **C. E. Morrison,**
 Londonderry, Pa.

A. E. WATERS,
 Agricultural Implements

AND

SEEDS.

118 LIGHT STREET,

Baltimore, Md.

SINCLAIR'S OLD STAND.

Established 1781.

GARDEN AND ORCHARD.

We call especial attention to this list of Nurserymen, Seedsmen, Florists, etc. They all issue good Catalogues and will cheerfully send you one free, if you write referring to the Maryland Farmer. We believe every one of them to be reliable.—*Editor Md. Farmer.*

Thos. Meehan & Son, Oaks, Rare Ornamentals, Germantown, Pa.

D. H. Patty, Nurseries. Geneva, N. Y. Agents Wanted.

A. W. Livingston's Sons, Specialty, New Tomatoes, Columbus, O.

West Jersey Nursery Co. Choicest New & Standard Fruits. Bridgeton, N. J.

H. S. Anderson, Importer; visits Europe annually to inspect packing &c. Union Sp'gs, N. Y.

Wm. Parry, Nursery Stock; Small Fruits. Grapes, etc. Parry, N. J.

Z. DeForest Ely & Co. The Popular Seedsmen. Philadelphia, Pa.

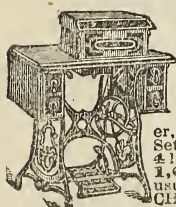
P. J. Berckmans, Trees, plants, etc., adapted to the South. Augusta, Ga.

W. M. Peter's Sons, Peach Trees a Specialty. Wesley, Md.



Catalogue free.

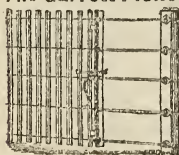
POMONA NURSERIES. 1838. 1890. WONDERFUL PEACH. Lawson, Kieffer, LeConte and Idaho. Japan and NATIVE Plums. Apples, Cherries, Peaches and Nut Bearing Trees, Strawberries, Raspberries, Blackberries and Grapes in large supply. All the worthy old and promising new fruits. **Wm. Parry, Parry, N. J.**



A \$65.00 Sewing Machine! For \$18.00.

Black Walnut Furniture Cover, Drop Leaf, 5 Drawers and Full Set of Attachments. **Warranted.** 4 lb Tea or Family Scale, \$1.00. 1,000 other Articles 1/2 to 3/4 usual prices. Send for Catalogue. **CHICAGO SCALE CO., Chicago.**

The Garrett Picket & Wire Fence Machine



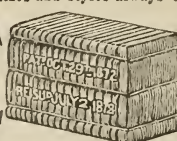
S. H. GARRETT, MANSFIELD, OHIO.

Weaves to the posts. Best in the world. Thousands in use. Guaranteed. Freight paid. Agents are reporting big sales. Machines, Wire, etc., at wholesale direct to Farmers where I have no agent. Catalogue free. Address the manufacturer.

DEREDICK'S BALING PRESSES

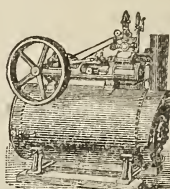
Of all sizes and styles always on hand.

They are superior to all others in power, capacity and durability, for proof order on trial.



They are light, strong, cheap and durable. We make a full line of steel case presses.

Address for circulars and location of agents, **P. K. DEDERICK & CO.,** 22 Dederick's Works, ALBANY, N. Y.



FARM ENGINES

Upright and Horizontal. Simple, Effective, Durable. Write us before buying. For free Pamphlet address **THE JAMES LEFFEL & CO. SPRINGFIELD, OHIO,** or 110 Liberty St., New York.



ERTEL'S VICTOR SHIPPED ANYWHERE TO OPERATE ON TRIAL AGAINST ALL OTHER

HAY PRESS. PURCHASER TO KEEP ONE DOING MOST AND BEST WORK

THE WORLDS FAIR 1893.

Will eclipse anything the World has ever seen. The startling features mentioned in connection with it, if carried out will astonish the civilized world. The greatest minds of the country are racking their brains to produce something of which mortals have never dreamed. To keep informed of the wonderful progress being made one should see every issue of "The Western World, Illustrated", which will contain illustrations of the immense buildings and improvements as fast as designed. It also contains information of all sections of this great country, indispensable to those seeking homes. Sample Copy and 100 Page Catalogue of Clubbing and Combination Offers, 10 Cts. **THE WESTERN WORLD, Chicago.**



Chester White, Berkshire, and Poland China Pigs, Fine Setter Dogs, Scotch Collies and Fox Hounds, and Beagles, Sheep and Poultry, bred and for sale by

W. Gibbons & Co.,

West Chester, Chester Co., Pa

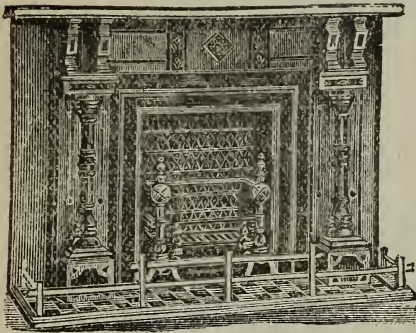
Send Stamp for Circular and Price-List

Send for Our Catalogue.

We are now selling over 1000 different vocal and instrumental pieces of Sheet Music at 10 cents a copy.

DEZ. WALWORTH, Baltimore, Md.

RIDDLE & WILLIAMS,



—DEALERS IN—

Hard Wood & Slate Mantels,

Art tiles for Mantle Facings
Hearths, &c.,

Plain and Inlaid Tiles for Floors, &c.,
Grates, Brass Goods and Fire-Place
Appurtenances.

Catalogues furnished on application.

Telephone 1482. [Please Mention this paper.]

124 N. HOWARD ST., Baltimore, Md.

FIRE KING
GAS STOVES.

FIRE PLACE
HEATERS.



STABLE FIXTURES
and COLUMNS.

COOKING
STOVES and RANGES.

FOUNDRY: Alice Anna and Washington sts.

SLINGLUFF & CO., Proprietors.

E. B. WHITMAN, Gen'l Manager

ROLAND

❖ Plow Works, ❖

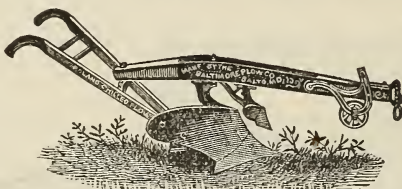
SUCCESSORS TO THE

BALTIMORE PLOW CO.,

MANUFACTURERS OF

Baltimore,

Md.

Roland ChilledOriole ChilledNorris ChilledP
L
O
W
S

*Chesapeake,
Elliott,*

*Farmers Friend,
Acme,*

And many other varieties of Cast Plows.

Repairs for the Oliver Chilled Plows,

At Prices to Compete Direct with Manufacturers.

We also manufacture repairs for most varieties of plows, sold since the war, in the Middle and Southern States—including

*Syracuse,**Atlas,**Climax,**Dixie,**Champion,**Avery,**Watt,**Granger,**Turn Shovels,*

And a host of others too numerous to mention.

ROLAND FARM BELLS,

(SIX SIZES.) THE BEST IN THE WORLD,

✉ Write For Price-List.

I WHISTLE AND WAIT FOR KATIE.

Companion Song To The Famous Little Annie Rooney.

Composed by Michael Nolan.

Words and Music of this popular Song will be sent post paid for 10c.

DEZ. WALWORTH,

P. O. Box 496.

Baltimore, Md.

☛ If you have not had our "Special prices" send for them at once.

A SCHOLARSHIP



Eaton & Burnetts Business College.

\$60 SCHOLARSHIP FOR \$45.

For full particulars address,

THE AMATEUR WORLD,

Baltimore, Md.



1832.

1890.

⌘ SCALES. ⌘

HAY, CATTLE, PLATFORM and COUNTER SCALES.

A reputation of more than fifty years, the guarantee of our work; and prices as low if not lower than a similar article can be purchased elsewhere. Call before purchasing

MARDEN SCALE WORKS,
Cor. S. CHARLES & BALDERSON STREETS, Baltimore, Md

For the Young Folks of the Household.

To every person sending us 15 cents for a year's subscription to our paper, or to any old subscriber renewing his subscription or obtaining for us one subscription, we will send, charges prepaid, a box containing the following rare assortment of Cards, Games, &c.,

One Pack Courting Cards.

- " Raffle "
- " Caution "
- " Love "
- " Curiosity "
- " YumYum "
- " Overtakers.

The Games of Chess, Checkers, Back-gammon,

Fox and Geese and Nine Men Morris.

- " Game of Fortune.
- " " Forfeits
- " Telegraph Alphabet
- " Deaf and Dumb Alphabet
- " Great Animal Puzzle

The Yankee Puzzle

- " Great Triple Prize Puzzle
- " Star
- " Age Tablet
- " Album Writer's Friend
- " Fortune Telling Tablet, an Oracle of Love Marriage and Destiny, as used by the Egyptian Astrologers

A Geographical Puzzle Story, (very interesting)

Guide to Money Making

50 Elegant Embroidery Designs

50 Choice Conundrums

200 Select Quotations for Auto. Albums

Facts about the Bible.

It will be evident to everybody that this is one of the most remarkable offers ever made by a responsible Publishing House. We will live up to it however, until our stock gives out and it is impossible to procure more. We advise all who read this notice not to delay but send at once and secure one of these boxes before they are gone. Address

Amateur World Pub. Co.,

Baltimore, Md.

"MY CLEMENTINE"

By STULTS.

A Beautiful Song In Schottische Time.

EVERYBODY DELIGHTED.

New. Taking Wonderfully

In beautiful time. Price 40 cents.

Sent post paid at our "SPECIAL PRICES."

LIST OF GOOD BOOKS,

FOR SALE AT "MARYLAND FARMER" OFFICE.

Allen's New American Farm Book.

The very best work on the subject. Revised and greatly enlarged by Lewis F. Allen. Cloth, 12mo. 2.50

Barry's Fruit Garden.

A standard work on Fruits and Fruit Trees; the author having had over 30 years' practical experience at the head of one of the largest nurseries in this country. New Edition, revised up to date—Invaluable to all Fruit growers. By P. Barry. Illustrated. Cloth, 12mo. 2.50

Brill's Farm Gardening and Seed Growing

A book useful for every farmer, gardener, and tiller of the soil. By Francis Brill. Cloth, 12mo. 1.00

Colorado as an Agricultural State.

Its Farms, Fields, and Agricultural Lands. By Wm. E. Pabor. Illustrated. Cloth, 12mo. 1.50

Curtis's Wheat Culture.

How to double the yield and increase the profits. By D. S. Curtis. Illustrated. Paper covers. .50

Farming for Profit.

A Hand-book for the American Farmer, A practical work. Edited by John E. Read. Illustrated. Cloth, 8vo. 3.75

Gardening for Young and Old.

A work intended to interest Farmers' Boys in Farm-Gardening. By Joseph Harris. Illustrated. Cloth, 12mo. 1.25

Gregory on Cabbages; How to Grow Them.

Paper cover. 30

Gregory on Carrots, Mangold Wurtzels etc.

Paper cover. 30

Gregory on Onion Raising.

Paper cover 30

How the Farm Pays.

The experience of forty years of successful Farming and Gardening. By Wm. Crozier and Peter Henderson. Cloth, 8vo. 2.50

Johnston's Agricultural Chemistry.

Lectures on the Application of Chemistry and Geology to Agriculture. Cloth 12mo. 1.75

Jones' Peanut Plant: Its Cultivation and Uses.

A Practical Book, instructing the beginner how to raise good crops of Peanuts. By B. W. Jones, Surry Co., Va. Paper cover. 50

Manual of Agriculture.

For the School, the Farm and the Fireside. By Geo. B. Emerson and Chas. L. Flint. Cloth, 12mo. 1.50

Thomas' Farm Implements & Machinery

The principles of their construction and use; with simple and practical explanations of the laws of motion as applied on the Farm. With 287 Illustrations. By John J. Thomas. Cloth 12mo. 1.50

Tobacco Culture; Full Practical Details.

The work was prepared by Fourteen Experienced Tobacco Growers, residing in different parts of the country. Illustrated, Paper 8vo. .25

Henderson's Hand Book of Plants.

A Concise and Comprehensive Dictionary of Plants, with Instructions on Propagation and Culture. Cloth, Large 8vo. 3.00

Vick's Flower and Vegetable Garden.

Paper 8vo. .50

Jennings' Horse Training Made Easy.

A new and practical system of teaching and educating the Horse. By Robert Jennings, V. S. Cloth, 12mo. 1.75

Harris on the Pig.

The work is equally valuable to the farmer who keeps but few pigs, and to the breeder on an extensive scale. By Joseph Harris. Illustrated. Cloth, 12mo. 1.50

Randall's Sheep Husbandry,

With an account of the different Breeds of Sheep; Selecting the Best for Wool and for Mutton; Rules for Crossing, &c. Cloth, 8vo. 1.50

Youatt and Martin on the Hog.

A treatise on the Breeds, Management and Medical Treatment of Swine, with directions for salting pork, and curing bacon and hams. Illustrated. Cloth, 12mo. 1.00

Johnson's Practical Poultry Keeping.

By G. M. T. Johnson, Illustrated. Paper, 12mo. .50

Langstroth on the Hive & Honey-Bee.

With an Introduction by Rev. Robert Baird, D. D. Revised and Illustrated. Cloth, 12mo, 1.00

Quinby's New Bee-Keeping.

The Mysteries of Bee-keeping explained. Cloth, 12mo, 1.50

Rosevelt's Florida and the Game Water Birds.

Of the Atlantic Coast and the Lakes of the United States. By Robert Barnwell Roosevelt. Illustrated, and with a portrait of the author. Cloth, 12mo. 2.00

The Scientific Angler.

A general and instructive work on Artistic Angling. By the late David Foster. Cloth, 12mo. 1.50

Household Conveniences.

With over two hundred Engravings. A most useful volume. 1.50

R. J. BAKER.

R. J. HOLLINGSWORTH.

R. J. BAKER & CO'S

PURE FINE GROUND RAW BONE, GROUND AS FINE AS MEAL.

Ammonia $4\frac{1}{2}$ to 5 per cent. Bone Phosphate of Lime 50 to 55 per cent.

R. J. Baker & Co's Pure Dissolved Raw Bone.

THE BEST SUPER-PHOSPHATE FOR WHEAT.

Practical tests by farmers for several years give entire satisfaction. Good for all Crops.

Ammonia 3 to 4 per cent. Available Bone Phosphate 28 to 32 per cent.
Use 300 to 400 lbs. per acre.

No. 1 DISSOLVED RAW BONE FOR WHEAT.

SOUTH CAROLINA DISSOLVED BONE PHOSPHATE FOR WHEAT.

An excellent article for manipulating, containing from 27 to 30 per centum DISSOLVED BONE PHOSPHATE OF LIME in bags of 200 and barrels of 300 lbs.

R. J. BAKER & CO'S BONE SUPER-PHOSPHATE FOR WHEAT.

Average analysis; Ammonia 2 to 3 per cent. Available Bone Phosphate of Lime 18 to 30 per cent. Potash 1 to 2 per cent, in bags of 200 lbs. Use 400 to 600 lbs. per acre.

R. J. BAKER & CO'S BONE and POTASH.

Ammonia $\frac{1}{2}$ to 1 per cent. Bone Phosphate 30 to 35 per cent. Use 400 to 600 lbs. per acre.

R. J. BAKER & CO.,

Factory, Locust Point.

No. 40 S. CHARLES ST., Baltimore, Md.

BINGHAM

BEE SMOKERS,

PRICE \$1.50

YOU CAN HAVE THEM NOW AT \$1.00 EACH

FREE OF POSTAGE.

MARYLAND FARMER.

BALTIMORE, MD.